

INTERNATIONAL SEARCH REPORT

International Application No.
PCT/EP 02/04230A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 B29C45/50 B29C45/40

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 B29C

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

PAJ, EPO-Internal, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	PATENT ABSTRACTS OF JAPAN vol. 016, no. 010 (M-1199), 13 January 1992 (1992-01-13) & JP 03 231823 A (SANKYO SEIMITSU KANAGATA KK; OTHERS: 01'), 15 October 1991 (1991-10-15) abstract	1-9
A	PATENT ABSTRACTS OF JAPAN vol. 010, no. 234 (M-507), 14 August 1986 (1986-08-14) & JP 61 068219 A (FANUC LTD), 8 April 1986 (1986-04-08) abstract	1-9
-/-		

☒ Further documents are listed in the continuation of box C.☐ Patent family members are listed in annex.

* Special categories of cited documents:

A document defining the general state of the art which is not considered to be of particular relevance

E earlier document but published on or after the international filing date

L document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

O document referring to an oral disclosure, use, exhibition or other means

P document published prior to the international filing date but later than the priority date claimed

T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

Y document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

Z document member of the same patent family

Date of the actual completion of the international search

22 August 2002

Date of mailing of the international search report

02/09/2002

Name and mailing address of the ISA
European Patent Office, P.O. 5818 Patentean 2
NL - 2280 HV Rijswijk
Tel: (+31-70) 340-2040, Tx. 31 651 epo nl
Fax: (+31-70) 340-3016

Authorized officer

Kujat, C

INTERNATIONAL SEARCH REPORT

International Application No.

PCT/EP 02/04230

C. (Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of documents, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	<p>PATENT ABSTRACTS OF JAPAN vol. 1997, no. 12, 25 December 1997 (1997-12-25) & JP 09 220739 A (TOSHIBA FA SYST ENG KK; TOSHIBA CORP), 26 August 1997 (1997-08-26) abstract</p>	1-9

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No.

PCT/EP 02/04230

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
JP 03231823	A	15-10-1991	JP 6039116 B	25-05-1994
JP 61068219	A	08-04-1986	JP 1742867 C JP 4027935 B	15-03-1993 13-05-1992
JP 09220739	A	26-08-1997	NONE	